

DZ6816-5500 Series 16" Explosion Proof Housing w/IR Arrays



DESCRIPTION

The DZ6816-5500 Series are IP68 rated, Stainless Steel 316L, Explosion Proof rugged grade, corrosion resistant housings for fixed box or zoom style cameras, analog HD or IP. Units provide 2 external IR LED arrays for 50-60m night vision. Features include blower, heater, sunshield, optional wiper. The housings are designed with 24VAC input voltage, available 12VDC for heater/blower modules and camera feeds. With optional 85-265VAC the Series DZ6816-5500 Explosion Proof IR Housings meet the most demanding commercial, industrial and marine environment, video surveillance installations.



Bracket

FEATURES

- * Explosion Proof Housings w/ IR Illuminators
- * Two IR Arrays LEDs for 50-60m Night Vision
- * 75mm dia. x 10mm thick Tempered Glass
- * Quality Stainless Steel 316L Materials
- * Blower, Heater, Sunshield, Wiper option
- * Two (2) Cable Entry Glands
- * 24VAC, 85-265VAC input voltages
- * Certified for Exd II CT6/DIP A20 TA, T6
- * Regulatory Compliance with IP68

APPLICATIONS

- * Homeland Security
- * Correctional Centers
- * Petrochemical Industry
- * Marine Environment
- * Government and Military
- * Power Generating Plants

ORDERING INFORMATION

DZ6816-5503	Explosion Proof, SS316L, IP68 rated, 16"L Housing, 2 Array LEDs, 24VAC
DZ6816-5513	Explosion Proof, SS316L, IP68 rated, 16"L Housing, 2 Array LEDs, Wiper, 24VAC
DZ6816-5505	Explosion Proof, SS316L, IP68 rated, 16"L Housing, 2 Array LEDs, 85-265VAC
DZ6816-5505	Explosion Proof, SS316L, IP68 rated, 16"L Housing, 2 Array LEDs, Wiper, 85-265VAC
DZ6700-55A	Wall Mount Steel Bracket with swivel



DZ6816-5500 Series 16" Explosion Proof Housing w/IR Arrays



Electrical Parameters:

Input Voltage: 24VAC, 85-265VAC
 Camera Power: 12VDC provided in Heater
 Blower Module
 Consumption: 55W; 65W with Camera
 Heater/Blower: Included

Material: Stainless Steel 316L Grade
 Sunshield: Included
 Glass: 2.95" (75mm) dia. x 10mm thick
 Material: Tempered Grade
 Weight: 31.4 lb. (14Kg)
 Cable Glands Thread: 2pcs G3/4 or NPT3/4

IR Arrays

Wavelength: 850nm
 Distance: 50-60m
 View Angle: 30° ~ 60°

Environmental Parameters

Operating Temperature: -13°F~140°F(-25°C~60°C)
 Storage Temperature: -13°F~158°F (-25°C~70°C)
 Humidity: 0~95% (Non-condensing)

Mechanical Parameters

Outside Dimension: 16.6" (422.5mm) L
 14.0" (356mm) W
 7.2" (182mm) H

Regulatory Compliance

Rating: IP68
 Certified: Exd II CT6/DIP A20 TA, T6

Inside Dimension: 9.45" (240mm) L
 Camera-lens available
 space; with heater, blower
 3.15" (80mm) dia.
 3.15" (80mm) H

Manufactured to: IS09001:2000
 Standards

Option

Bracket with Swivel: DZ6700-55A

